

# Lancaster Landfill and Recycling Center Project



Los Angeles County Solid Waste Management  
Committee/  
Integrated Waste Management Task Force

February 21, 2013

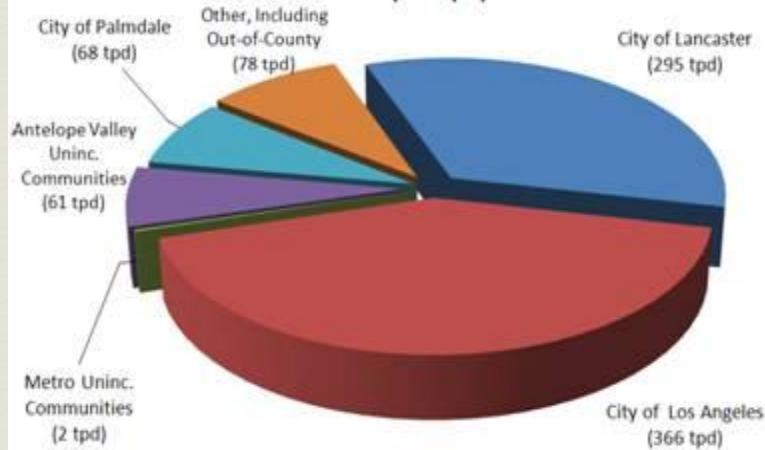


The map displays the Antelope Valley State Prison in Lancaster, CA. A red rectangle highlights the prison's location, while a yellow rectangle outlines a larger area. A blue line traces a path from the prison towards the city center. Key streets shown include W Avenue H, W Avenue I, W Avenue J, and W Avenue K. The Antelope Valley State Prison is labeled, and the Lancaster City Center is visible in the lower right. The map also shows the Antelope Valley Freeway (14) and the Lancaster Freeway (138).

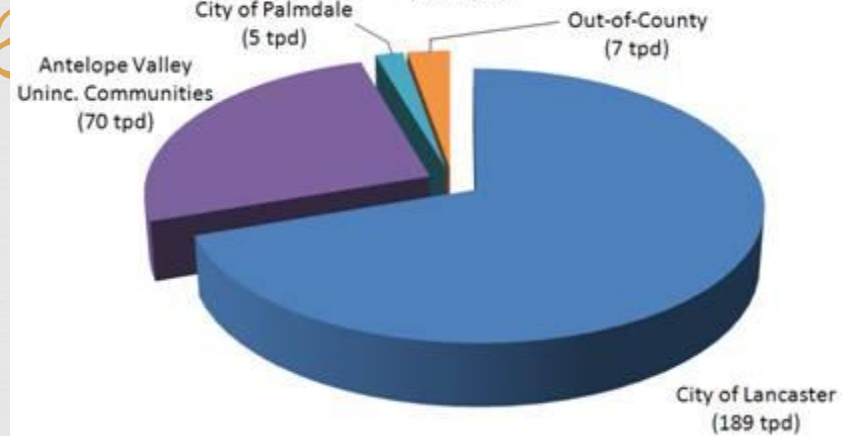


# Current Tonnages

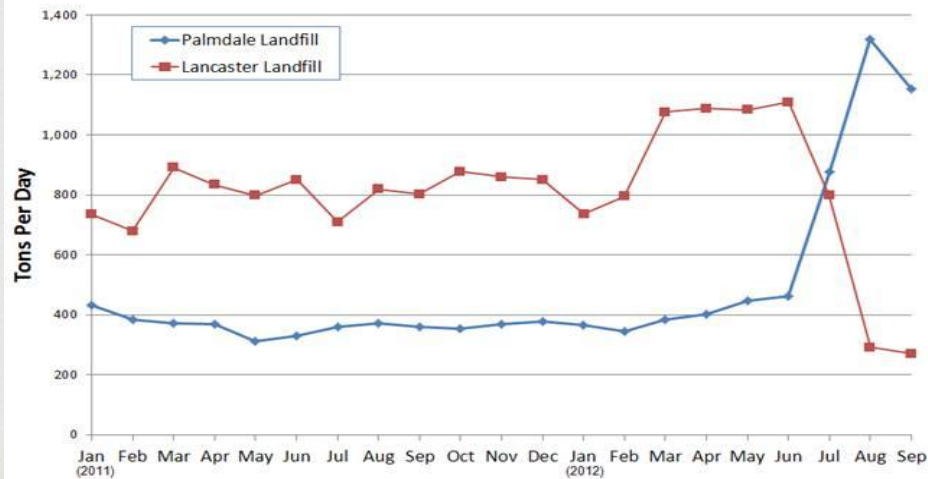
**Lancaster Landfill Disposal  
First Quarter 2012  
(870 tpd)**



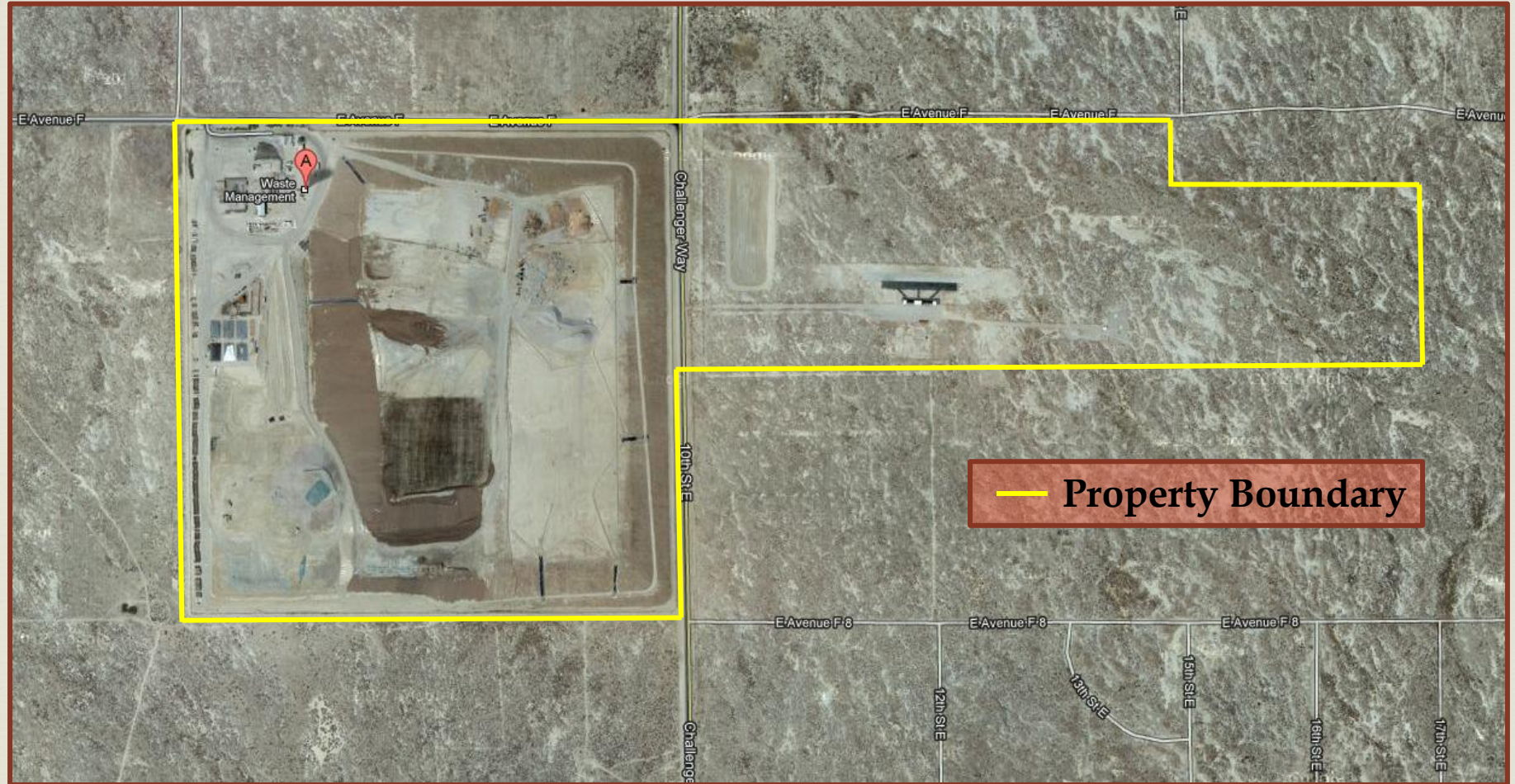
**Lancaster Landfill Disposal  
September 2012  
(271 tpd)**



**Historical Disposal Rate**



# Aerial Map





# Landfill's Proposal



- ❧ FOC Proposal submitted on November 15, 2012
- ❧ FOC Proposal entails:
  - ❧ Daily Permitted Capacity:
    - ❧ 1,700 tons per day (tpd) to 3,000 tpd (MSW)
    - ❧ Additional 2,100 tpd (inert debris and BU materials)
    - ❧ Up to 10 tpd of bio-solids
  - ❧ Receipt of soil contaminated with petroleum hydrocarbons for disposal or daily cover
  - ❧ Measurement correction on disposal acreage
    - ❧ 209 acres to 210.3 acres

# Regulatory Permits

	Approval Date	Facility Acreage	Disposal Acreage	Tonnage Limits
CUP 03-170-(5)	December 14, 2011 (Effective August 1, 2012)	276	209	3,000 tpd (MSW)  2,100 tpd (inert debris & BU materials)
Revised SWFP	February 19, 2013	276	210.3	Same as above
WDR	June 14, 2000 Amended October 14, 2010	276	N/A	N/A

# Reclaimable Anaerobic Composter (RAC)

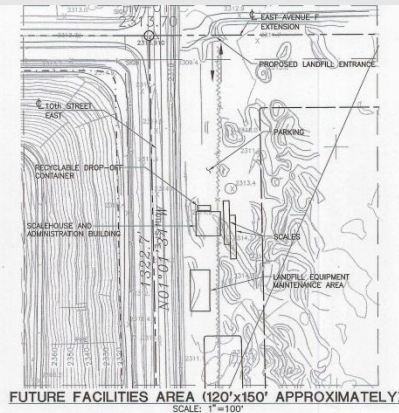
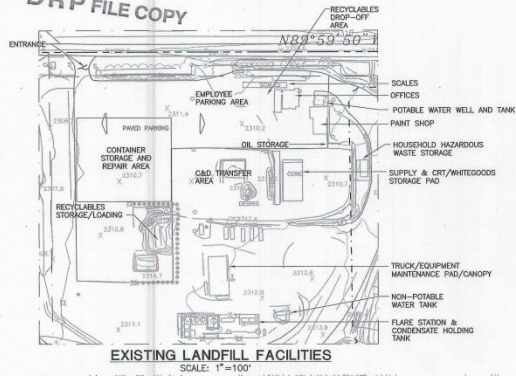


- ❧ In-vessel research composting operation, completely sealed
- ❧ Consisted of anaerobic composting pod system for batch treatment of feedstock, such as:
  - ❧ Green waste
  - ❧ Manure
  - ❧ Food waste
- ❧ Utilizes materials currently accepted at the landfill
  - ❧ No additional inflow of waste
- ❧ Approval by Water Board, LEA, AVAQMD, and County Public Works is required



# Exhibit "A" Site Plan

DRP FILE COPY



DRP FILE COPY

## EXHIBIT "A"

DEPARTMENT OF REGIONAL PLANNING  
APPROVED

DATE: 08/16/10

PROJECT: 08-116-10

RECEIVED: 08/16/10

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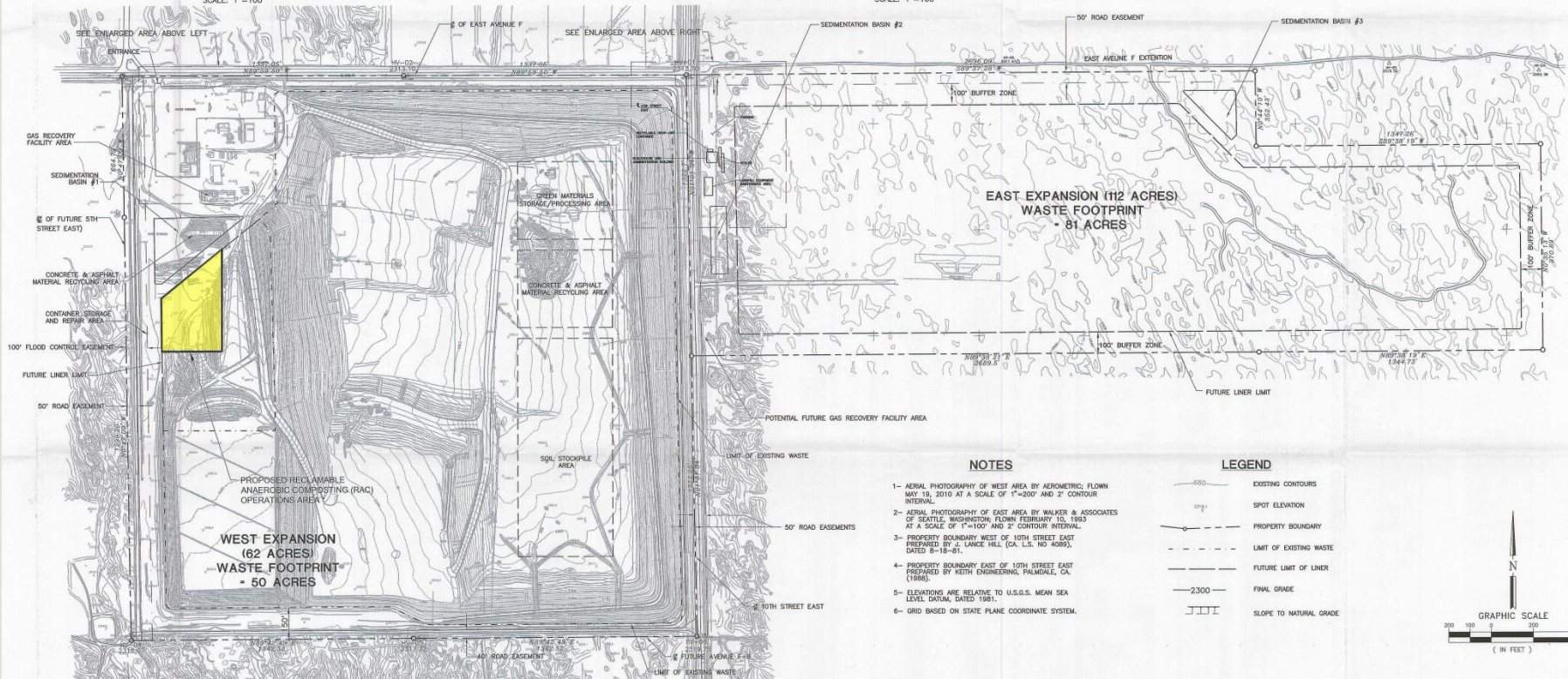
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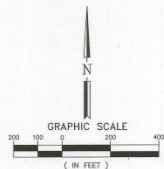


## NOTES

- 1- AERIAL PHOTOGRAPHY OF WEST AREA BY AEROMETRIC, FLOWN MAY 19, 2010 AT A SCALE OF 1"=200' AND 2" CONTOUR INTERVAL.
- 2- AERIAL PHOTOGRAPHY OF EAST AREA BY WALKER & ASSOCIATES OF SEATTLE, WASHINGTON, FLOWN FEBRUARY 10, 1993 AT A SCALE OF 1"=100' AND 2" CONTOUR INTERVAL.
- 3- PROPERTY BOUNDARY WEST OF 10TH STREET EAST PREPARED BY J. LANCE HILL (CA. L.S. NO. 4089), DATED 8-18-81.
- 4- PROPERTY BOUNDARY EAST OF 10TH STREET EAST PREPARED BY KEITH ENGINEERING, PALMDALE, CA. (1980).
- 5- ELEVATIONS ARE RELATIVE TO U.S.G.S. MEAN SEA LEVEL DATUM, DATED 1981.
- 6- GRID BASED ON STATE PLANE COORDINATE SYSTEM.

## LEGEND

- EXISTING CONTOURS
- SPOT ELEVATION
- PROPERTY BOUNDARY
- LIMIT OF EXISTING WASTE
- FUTURE LIMIT OF LINER
- FINAL GRADE
- SLOPE TO NATURAL GRADE





# RAC



# Request Unto the Task Force



- ❧ Consider the issuance of the FOC pursuant to the 1997 Countywide Siting Element
- ❧ New FOC will supersede previous FOC granted to the landfill



# Staff's Conclusion & Recommendation



- ❧ Application conforms with Countywide Siting Element
  - ❧ Facility Siting Criteria Evaluation (Attachment E)
  - ❧ Goals and Policies
- ❧ Recommends granting the FOC subject to the “Conditions of Approval” specified in the Staff Report
- ❧ Revised Conditions of Approval